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February 15, 1995

U. S. Nuclear Regulatory Commission
Washington, DC 20555

ATTENTION: Document Control Desk

SUBJECT: Calvert Cliffs Nuclear Power Plant
Unit Nos. 1 & 2; Docket Nos. 50-317 & 50-318
January 1995 Operating Data Reports

The subject reports are being sent to you as required by Technical Specification 6.9.1.6.

Should you have any questions, please contact Mr. Bruce Mrowca at (410) 260-3989.

Very truly yours,

CHC/FP/bjd

Attachments

cc: D. A. Brune, Esquire
J. E. Silberg, Esquire
L. B. Marsh, NRC
D. G. McDonald, Jr., NRC
T. T. Martin, NRC
P. R. Wilson, NRC
R. A. Hartfield, NRC
R. I. McLean, DNR
J. H. Walter, PSC
P. Lewis, INPO
K. Larson, ANI

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UNIT 1

OPERATING DATA REPORT

Docket No. 50-317
February 15, 1994
Prepared by Frank Piazza
Telephone: (410) 260-3821

OPERATING STATUS

1. UNIT NAME	Calvert Cliffs Unit 1
2. REPORTING PERIOD	JANUARY 1995
3. LICENSED THERMAL POWER (MWT)	2700
4. NAMEPLATE RATING (GROSS MWe)	918
5. DESIGN ELECTRICAL RATING (NET MWe)	845
6. MAXIMUM DEPENDABLE CAP'Y (GROSS MWe)	860
7. MAXIMUM DEPENDABLE CAP'Y (NET MWe)	835
8. CHANGE IN CAPACITY RATINGS	NONE
9. POWER LEVEL TO WHICH RESTRICTED	N/A
10. REASONS FOR RESTRICTIONS	N/A

	This month	Year- to-Date	Cumulative to Date
11. HOURS IN REPORTING PERIOD	744	744	173,005
12. NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	744.0	123,624.7
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	3,019.4
14. HOURS GENERATOR ON LINE	744.0	744.0	120,980.5
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	2,005,373	2,005,373	307,173,266
17. GROSS ELECTRICAL ENERGY GEN'TED (MWH)	670,835	670,835	102,041,451
18. NET ELECTRICAL ENERGY GENERATED (MWH)	644,364	644,364	97,138,632
19. UNIT SERVICE FACTOR	100.0	100.0	69.9
20. UNIT AVAILABILITY FACTOR	100.0	100.0	69.9
21. UNIT CAPACITY FACTOR (USING MDC NET)	103.7	103.7	68.0
22. UNIT CAPACITY FACTOR (USING DER NET)	102.5	102.5	66.4
23. UNIT FORCED OUTAGE RATE	0.0	0.0	8.8

24. SHUTDOWNS SCHEDULED OVER THE NEXT
SIX MONTHS (TYPE, DATE AND DURATION):
N/A

25. IF SHUTDOWN AT END OF REPORT PERIOD,
ESTIMATED DATE OF START-UP:
N/A

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-317
 UNIT NAME Calvert Cliffs-U1
 DATE February 1995
 COMPLETED BY Frank Piazza
 TELEPHONE (410) 260-3821

REPORT MONTH January 1995

NO.	DATE	TYPE ¹	DURATION (HOURS)	REASON ²	METHOD OF SHUTTING DOWN REACTOR ³	LICENSEE EVENT REPORT #	SYSTEM CODE ⁴	COMPONENT CODE ⁵	CAUSE & CORRECTIVE ACTION TO PREVENT RECURRENCE
									There were no significant power reductions for this month.

¹ F: Forced
 S: Scheduled

² Reason:
 A - Equipment Failure
 B - Maintenance or Test
 C - Refueling
 D - Regulatory Restriction
 E - Operator Training & License Examination
 F - Administrative
 G - Operational Error
 H - Other

³ Method:
 1 - Manual
 2 - Manual Scram.
 3 - Automatic Scram.
 4 - Continued
 5 - Reduced Load
 9 - Other

⁴ IEEE Standard 805-1984

⁵ IEEE Standard 803A-1983

AVERAGE DAILY UNIT POWER LEVEL

Docket No. 50-317
Calvert Cliffs Unit No. 1
February 15, 1995
Prepared by Frank Piazza
Telephone: (410) 260-3821

JANUARY 1995

Average Daily Power Level		Average Daily Power Level	
Day	(MWe-Net)	Day	(MWe-Net)
1	867	17	864
2	867	18	866
3	866	19	867
4	865	20	867
5	865	21	866
6	865	22	866
7	866	23	866
8	867	24	867
9	866	25	867
10	867	26	867
11	866	27	866
12	867	28	867
13	866	29	867
14	863	30	866
15	864	31	866
16	864		

DOCKET NO. 50-317
CALVERT CLIFFS - UNIT 1
February 15, 1995

SUMMARY OF OPERATING EXPERIENCE

January 1995

The unit operated the entire month at 100% power.

REFUELING INFORMATION REQUEST

1. Name of facility: Calvert Cliffs Nuclear Power Plant, Unit No. 1.
2. Scheduled date for next refueling shutdown: March, 1996.
3. Scheduled date for restart following refueling: May, 1996.
4. Will refueling or resumption of operation thereafter require a Technical Specification change or other license amendment?

Yes.

- a. License amendment to reflect the new electrical distribution system configuration.

5. Scheduled date(s) for submitting proposed licensing action and supporting information.

July 1995

6. Important licensing considerations associated with the refueling.

Physical modifications required to bring Calvert Cliffs in compliance with the Station Blackout rule will be completed in the 1996 Unit 1 refueling outage.

7. The number of fuel assemblies (a) in the core and (b) in the spent fuel storage pool.

(a) 217

(b) 1370 (Note 2)*

Spent fuel pools are common to Units 1 and 2.

8. (a) The present licensed spent fuel pool storage capacity, and (b) the size of any increase in licensed storage capacity that has been requested or is planned, in number of fuel assemblies.

(a) 4710 (Note 1)

(b) 0

9. The projected date of the last refueling that can be discharged to the Spent Fuel Pool assuming the present licensed capacity and maintaining space for one full core off-load.

March 2007

**NOTE 1: 4710 total licensed site storage capacity.
(1830 pool + 2880 ISFSI)**

NOTE 2: 216 Spent Fuel Assemblies in the ISFSI.*

* Entry has changed since last reported.

UNIT 2

OPERATING DATA REPORT

Docket No. 50-318
February 15, 1994
Prepared by Frank Piazza
Telephone: (410) 260-3821

OPERATING STATUS

1. UNIT NAME	Calvert Cliffs Unit 2
2. REPORTING PERIOD	JANUARY 1995
3. LICENSED THERMAL POWER (MWT)	2700
4. NAMEPLATE RATING (GROSS MWe)	911
5. DESIGN ELECTRICAL RATING (NET MWe)	845
6. MAXIMUM DEPENDABLE CAP'Y (GROSS MWe)	860
7. MAXIMUM DEPENDABLE CAP'Y (NET MWe)	840
8. CHANGE IN CAPACITY RATINGS	NONE
9. POWER LEVEL TO WHICH RESTRICTED	N/A
10. REASONS FOR RESTRICTIONS	N/A

	This month	Year- to-Date	Cumulative to Date
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11. HOURS IN REPORTING PERIOD	744	744	156,360
12. NUMBER OF HOURS REACTOR WAS CRITICAL	633.1	633.1	114,670.1
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	1,296.6
14. HOURS GENERATOR ON LINE	621.0	621.0	113,071.7
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1,647,782	1,647,782	289,144,711
17. GROSS ELECTRICAL ENERGY GEN'TED (MWH)	552,049	552,049	95,567,358
18. NET ELECTRICAL ENERGY GENERATED (MWH)	526,653	526,653	91,348,263
19. UNIT SERVICE FACTOR	83.5	83.5	72.3
20. UNIT AVAILABILITY FACTOR	83.5	83.5	72.3
21. UNIT CAPACITY FACTOR (USING MDC NET)	84.3	84.3	70.7
22. UNIT CAPACITY FACTOR (USING DER NET)	83.8	83.8	69.1
23. UNIT FORCED OUTAGE RATE	16.5	16.5	5.9
24. SHUTDOWNS SCHEDULED OVER THE NEXT SIX MONTHS (TYPE, DATE AND DURATION): March 17, 1995			

25. IF UNIT IS SHUTDOWN AT END OF REPORT PERIOD,
ESTIMATED DATE OF START-UP:
N/A

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-318
 UNIT NAME Calvert Cliffs-U2
 DATE February 15, 1995
 COMPLETED BY Frank Piazza
 TELEPHONE (410) 260-3821

REPORT MONTH January 1995

NO.	DATE	TYPE ¹	DURATION (HOURS)	REASON ²	METHOD OF SHUTTING DOWN REACTOR ³	LICENSEE EVENT REPORT #	SYSTEM CODE ⁴	COMPONENT CODE ⁵	CAUSE & CORRECTIVE ACTION TO PREVENT RECURRENCE
95001	011395	F	76.1	B	3	318/95-002	JC	CBL1	The unit tripped on 01/13/95 at 1047 due to low Steam Generator level. The cause of the low S/G level was due to the Main Feedwater MOV and MSIV closing on a SGIS channel actuation. The SGIS was caused by a technician having a wire, connected to Steam Generator 11 Pressure Transmitter, break in his hands while conducting a tagging request verification walkdown, at the same time other technicians were performing a surveillance test which required a second SGIS channel to be tripped. The combination of the two tripped channels resulted in a SGIS actuation occurring and the subsequent plant trip. An investigation team was immediately formed and is currently on going.
95002	011595	F	46.9	G	3	318/95-003	SJ	P	On 01/15/95 at 0246 during reactor startup the unit tripped due to a Reactor Protective System loss of load signal. A power excursion from 4% to 13% occurred after steam generator levels increased as a result of unsuccessfully operating 22 SGFP with main steam. The increase in steam generator levels caused a cooldown of the Reactor Coolant system resulting in the power excursion. The immediate corrective action was to conduct shift briefings and added startup coverage.

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 C - Refueling
 D - Regulatory Restriction
 E - Operator Training & License Examination
 F - Administrative
 G - Operational Error
 H - Other

³ Method:
 1 - Manual
 2 - Manual Scram.
 3 - Automatic Scram.
 4 - Continued
 5 - Reduced Load
 9 - Other

⁴ IEEE Standard 805-1984
⁵ IEEE Standard 803A-1983

AVERAGE DAILY UNIT POWER LEVEL

Docket No. 50-318
Calvert Cliffs Unit No. 2
February 15, 1995
Prepared by Frank Piazza
Telephone: (410) 260-3821

JANUARY 1995

Average Daily Power Level		Average Daily Power Level	
Day	(MWe-Net)	Day	(MWe-Net)
1	867	17	-31
2	868	18	58
3	867	19	808
4	867	20	868
5	867	21	868
6	868	22	867
7	867	23	867
8	867	24	868
9	868	25	868
10	868	26	867
11	869	27	867
12	869	28	867
13	376	29	868
14	-29	30	868
15	-30	31	868
16	-30		

DOCKET NO. 50-318
CALVERT CLIFFS - UNIT 2
February 15, 1995

SUMMARY OF OPERATING EXPERIENCE

January 1995

The unit began the month at 100% reactor power. On 1/13/95 at 1047 the reactor tripped due to low levels in the Steam Generator following an inadvertent Steam Generator Isolation Signal (SGIS) Actuation. The SGIS actuation occurred when while Technicians were conducting a Surveillance Test, which required an SGIS actuation signal to be inserted, another Technician caused a second SGIS actuation signal to occur when a wire which was connected to 11 SG pressure transmitter, broke off in his hands while he was conducting a tagging request verification walkdown. The reactor was again taken critical at 0020 and at 0246 on 1/15/95 tripped on a loss of load signal due to high S/G level while starting a Main Feedwater Pump. The unit was paralleled to the grid on 1/18/95 at 1350. Reactor power was increased to 100% at 1115 on 1/19/95.

On 1/28/95 power was reduced to 97.5% during an STP test when a control element assembly dropped. The element was withdrawn and the power was restored to 100% on 1/29/95 at 0115.

The unit remained at 100% through the end of the month.

REFUELING INFORMATION REQUEST

1. Name of facility: Calvert Cliffs Nuclear Power Plant, Unit No. 2
2. Scheduled date for next refueling shutdown: March 17, 1995.
3. Scheduled date for restart following refueling: May 12, 1995.*
4. Will refueling or resumption of operation thereafter require a Technical Specification change or other license amendment?

Yes.

Revision of the Design Features section to adopt Improved Standard Technical Specifications format.

*

5. Scheduled date(s) for submitting proposed licensing action and supporting information.

Submitted December 8, 1993

*

6. Important licensing considerations associated with the refueling.

None.

7. The number of fuel assemblies (a) in the core and (b) in the spent fuel storage pool.

(a) 217

(b) 1370 (Note 2)*

Spent fuel pools are common to Units 1 and 2.

8. (a) The present licensed spent fuel pool storage capacity, and (b) the size of any increase in licensed storage capacity that has been requested or is planned, in number of fuel assemblies.

(a) 4710 (Note 1)

(b) 0

9. The projected date of the last refueling that can be discharged to the Spent Fuel Pool assuming the present licensed capacity and maintaining space for one full core off-load.

March 2007

**NOTE 1: 4710 total licensed site storage capacity.
(1830 pool + 2880 ISFSI)**

NOTE 2: 216 Spent Fuel Assemblies in the ISFSI.*

* Entry has changed since last reported.